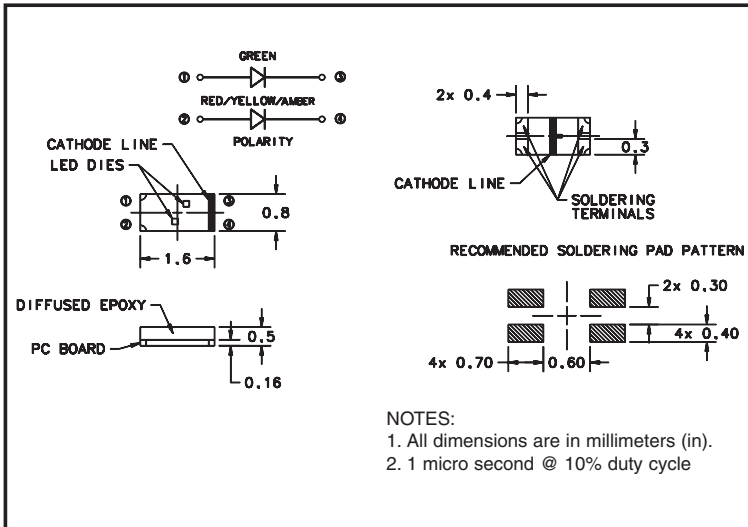


## CMDA20 Series 0603 Package Size Bicolor Surface Mount LED

### Description and Features



#### Features

- Small 1.6 x 0.8 mm Footprint
- Diffused optics
- Ideal for use with Light Pipes
- Compatible with IR solder profiles
- Available in 8 mm tape on 7" diameter reels
- Packaged 4,000 pieces per reel
- RoHS Compliant

#### Applications

- Keypad backlighting
- Symbol backlighting
- LCD backlighting
- Status indication
- Front panel indicator

## Electro-Optical Characteristics and Ratings

Part Number	Output Color	Diffusion	Package Color	Test Current (mA)	Forward Voltage Typ. (V)	Forward Voltage Max. Typ. (V)	Luminous Intensity Min. (mcd)	Luminous Intensity Typ. (mcd)	Peak Wavelength (nm)	Viewing Angle (Degrees)
CMDA20AYAA7D1S	Green/Amber	Diffused	White	20	2.2/2.2	2.6/2.6	4/2.5	15/8	570/605	120
CMDA20AYCY7D1S	Green/Yellow	Diffused	White	20	2.2/2.1	2.6/2.6	4/2.5	15/8	570/589	120
CMDA20AYBR7D1S	Green/HE Red	Diffused	White	20	2.2/2.1	2.6/2.6	4/2.5	15/8	570/630	120

## Absolute Maximum Ratings to = 25°C

Part Number	Power Dissipation (mW)	Operating Temperature (°C)	Storage Temperature (°C)	Peak Forward Current Max. (See note 2) (mA)	Reverse Voltage (IR = 100 mA) (V)	Lead Solder Time at 230°C (Seconds)
AYAA	52	-30 to +85	-40 to +85	100	5	10
AYCY	52	-30 to +85	-40 to +85	100	5	10
AYBR	52	-30 to +85	-40 to +85	100	5	10